



## PATENT ABSTRACTS OF JAPAN

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(54) ANTIMICROBIAL AND LOW-IRRITANT  
COSMETIC

## (57) Abstract:

**PROBLEM TO BE SOLVED:** To enable the obtaining of a cosmetic, having antimicrobial actions and reduced in irritation and unpleasant feeling toward skin by including an N-long-chain acyl basic amino acid derivative and a crude drug therein.

**SOLUTION:** This antimicrobial and low-irritant cosmetic comprises 0.001-0.5wt.% or more of an N-long-chain acyl basic amino acid represented by formulae I, II and III [RCO is a 6-20C fatty acid residue; X is  $\text{NH}_2$ ,  $\text{OCH}_3$ ,  $\text{OC}_2\text{H}_5$ ,  $\text{OC}_3\text{H}_7$ ,  $\text{OC}_4\text{H}_9$  or  $\text{OCH}_2\text{C}_6\text{H}_5$ ; (n) is 3 or 4] or its acid addition salt and 0.01-20wt.% of an extract or a pulverized substance of Sanguisorbae Radix which is a crude drug. The cosmetic is useful especially for a system containing a large amount of water or an oil-in-water type emulsion system in which the outer phases is the aqueous phase and can be prepared as a skin cosmetic, a makeup cosmetic, a cleaning cosmetic or a cosmetic for hair. Sufficient antimicrobial actions can be manifested at a low concentration by including the compound represented by

formulae I, II and III and the irritation and sensitizing properties to the skin and an unpleasant feeling such as a sharply stabbing pain, a tingling pain or a prickling pain caused when using the cosmetic can remarkably be reduced by using the crude drug in combination.

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